0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.175)	
0-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	PH-2365-PCT	
ī	Title of Invention	COOLANT AND COOLING SYSTEM	
II	Applicant		
II-1	This person is	applicant only	
II-2	Applicant for	all designated States except US	
11-4	Name	TOYOTA JIDOSHA KABUSHIKI KAISHA	
II-5	Address	1, Toyota-cho, Toyota-shi, Aichi 4718571 Japan	
11-6	State of nationality		
11-7	State of residence	JP	
		JP	
III-1-1	Applicant and/or inventor This person is	applicant and inventor	
III-1-2	Applicant for		
III-1-2	Name (LAST, First)	US only	
		NISHII, Mikito	
III-1-5	Address	c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 4718571	
III-1-6	State of nationality	Japan	
111-1-7		JP	
111-1-/	State of residence	JP	

III-2	Applicant and/or inventor		
111-2-1	This person is	applicant and inventor	
111-2-2	Applicant for	US only	
111-2-4	Name (LAST, First)	ARAI, Hiroyuki	
III-2-5	Address	c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 4718571 Japan	
111-2-6	State of nationality	JР	
111-2-7	State of residence	JP	
III-3	Applicant and/or inventor		
III-3-1	This person is	applicant and inventor	
111-3-2	Applicant for	US only	
III-3-4	Name (LAST, First)	SAKAI, Tsutomu	
III-3-5	Address	c/o KRI, Inc., Kyoto Research Park, 134, Chudojiminami-machi, Shimogyo-ku, Kyoto- shi, Kyoto 6008813 Japan	
III-3- <b>6</b>	State of nationality	JP	
III-3- <b>7</b>	State of residence	JP	
111-4	Applicant and/or inventor		
III-4-1	This person is	applicant and inventor	
III-4-2	Applicant for	US only	
111-4-4	Name (LAST, First)	KONDO, Mitsuru	
III-4-5	Address	c/o KRI, Inc., Kyoto Research Park, 134, Chudojiminami-machi, Shimogyo-ku, Kyoto- shi, Kyoto 6008813 Japan	
III <b>-4-</b> 6	State of nationality	JP	
111-4-7	State of residence	JP	

IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	HIRAKI, Yusuke
IV-1-2	Address	Kamiya-cho, MT Bldg., 19F, 3-20, Toranomon 4-chome, Minato-ku, Tokyo 1050001 Japan
IV-1-3	Telephone No.	03-5425-1800
IV-1-4	Facsimile No.	03-5425-0981
IV-1-5	e-mail	hiraki@hiraki-patent.co.jp
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	SEKIYA, Mitsuo; WATANABE, Toshiaki; SEKIGUCHI, Tsuruhiko
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	31 January 2004 (31.01.2004)
VI-1-2	Number	2004-005955
VI-1-3	Country	JP
VI-2	Priority document request	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)

VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	6	<b>✓</b>
IX-2	Description	13	-
IX-3	Claims	1	-
IX-4	Abstract	1	<b>─</b>
IX-5	Drawings	6	_
IX-7	TOTAL	27	
-	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	· · · · · · · · · · · · · · · · · · ·
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the International application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	HIRAKI, Yusuke	
X-1-2	Name of signatory		
X-1-3	Capacity		
X-2	Signature of applicant, agent or common representative		
X-2-1	Name (LAST, First)	SEKIYA, Mitsuo	
X-2-2	Name of signatory		
X-2-3	Capacity	<u> </u>	

### Paper Copy (NOT for submission)

X-3	Signature of applicant, agent or common representative	
X-3-1	Name (LAST, First)	WATANABE, Toshiaki
X-3-2	Name of signatory	
X-3-3	Capacity	
X-4	Signature of applicant, agent or common representative	
X-4-1	Name (LAST, First)	SEKIGUCHI, Tsuruhiko
X-4-2	Name of signatory	
X-4-3	Capacity	

# FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

# FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	
	<del></del>	